

HTV Self-Regulating Heating Cable



nVent RAYCHEM HTV self-regulating heating cable is designed for freeze protection or process temperature maintenance of pipes and vessels up to 205°C continuously, with a maximum exposure temperature of 260°C. The HTV cable has a solid construction with a high power retention (HPR) heating core and pressure extruded electrical insulation. It is then integrated with a robust metallic braid and a chemically resistant fluoropolymer outer jacket.

FEATURES

- High power retention (HPR) heating core
- Power retention: At least 95% after 10 years
- Design life: 30 years or more depending on application
- Simplified design in hazardous area: T3 and T2
- Longer circuit lengths due to larger cross section conductors
- Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits
- Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology
- Reliable during long life: 10 year product warranty available, maintenance free

SPECIFICATIONS

Supply Voltage:	190 – 277 V
Max Maintain or Continuous Exposure Temperature, Power On:	205 °C
Max Intermittent Exposure Temperature, Power On/Off:	260 °C
Max Cumulative Hours for Intermittent Exposure:	2000 h
Ground Path Type:	Braid
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	High Temperature Fluoropolymer

Table 1/1	
Catalog Number	Nominal Power Output @ 10°C, 230V
P000004319	9 W/m

Catalog Number	Nominal Power Output @ 10°C, 230V
P000004320	16 W/m
P000004321	25 W/m
P000004322	32 W/m
P000004323	38 W/m
P000004324	48 W/m
P000004325	64 W/m
2000003152	90 W/m

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

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